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Claims

What is claimed is:

1   1. In a World Wide Web ("Web") communication network
2   with user access via a plurality of data processor
3   controlled interactive receiving Web display stations for
4   displaying received hypertext documents of at least one
5   display page containing text and images accessible from
6   sources on the Web, a system for selectively accessing
7   any one of a historical sequence of changed versions of a
8   Web document comprising:
9   means for bookmarking a received Web document;
10   means responsive to said bookmarking means for
11   tracking for changed versions of said bookmarked
12   document;
13   means for storing a historical sequence of versions
14   of said bookmarked document; and
15   means, responsive to a user request at a receiving
16   station for said bookmarked document, for enabling said
17   user to select any one of said versions of said
18   bookmarked document.

1   2. The Web system of claim 1 further including means
2   enabling a user to selectively activate said tracking
3   means.

1   3. The Web system of claim 1 wherein said means enabling

2   the user to select any one of said versions of said

3   bookmarked document comprise:

4   means for displaying the latest version of said

5   bookmarked document; and

6   means for displaying an index of the other stored

7   versions of said bookmarked document.

1   4. The Web system of claim 1 wherein said changed

2   versions of said bookmarked documents include versions at

3   changed URLs.

1   5. The Web system of claim 1 wherein said Web network

2   includes a Web server; and

3   said Web server includes said means for tracking for

4   said changed versions and means for storing said sequence

5   of changed versions.

1   6. The Web system of claim 5 further comprising:

2   Web browsing means at said receiving display station

3   including:

4   said means for bookmarking a received Web document;

5   and

6   said means for enabling said user to select any one

7   of said versions of said bookmarked document.

1   7. The Web system of claim 6 wherein said Web server is

2   maintained by an Internet Service Provider.

1   8. The Web system of claim 7 further including means

2   enabling the user to selectively vary the time intervals

3   at which said changed versions of said bookmarked

4   document are tracked for.

1   9.   The Web system of claim 7 further including means

2   enabling the user to selectively vary the maximum number

3   of said sequence of changed versions of said bookmarked

4   document are to be stored.

1   10.   The Web system of claim 8 further including means

2   enabling said Internet Service Provider to vary the

3   charges to the user based upon the time intervals at

4   which said changed versions of said bookmarked document

5   are tracked for.

1   11.   The Web system of claim 9 further including means

2   enabling said Internet Service Provider to vary the

3   charges to the user based upon the maximum number of said

4   sequence of changed versions of said bookmarked document

5   to be stored.

1   12.   In a Web communication network with user access via

2   a plurality of data processor controlled interactive

3   receiving Web display stations for displaying received

4   hypertext documents of at least one display page

5   containing text and images accessible from sources on the

6   Web, a method for selectively accessing any one of a

7   historical sequence of changed versions of a Web document

8   comprising:

9   bookmarking a received Web document;

10   tracking for changed versions of said bookmarked

11   document;

12   storing a historical sequence of versions of said

13   bookmarked document; and

14   responsive to a user request at a receiving station

15   for said bookmarked document, enabling said user to

16   select any one of said versions of said bookmarked

17   document.

1   13.   The method of claim 12 further including the step of

2   enabling a user to selectively activate said tracking

3   means.

1   14.   The method of claim 12 wherein the step of enabling

2   the user to select any one of said versions of said

3   bookmarked document comprises the steps of:

4   displaying the latest version of said bookmarked

5   document; and

6   displaying an index of the other stored versions of

7   said bookmarked document.

1   15.   The method of claim 12 wherein said changed versions

2   of said bookmarked documents include versions at changed

3   URLs.

1 16. The method of claim 12 wherein said Web network
2 includes a Web server; and
3   said steps of tracking for said changed versions and
4 storing said sequence of changed versions are carried out
5 on said Web server.

1 17. The method of claim 16 further comprising:
2   a Web browsing process at said receiving display
3 station including said steps of:
4   bookmarking a received Web document; and
5   enabling said user to select any one of said
6 versions of said bookmarked document.

1 18. The method of claim 17 wherein said Web server is
2 maintained by an Internet Service Provider.

1 19. The method of claim 18 further including the step of
2 enabling the user to selectively vary the time intervals
3 at which said changed versions of said bookmarked
4 document are tracked for.

1 20. The method of claim 18 further including the step of
2 enabling the user to selectively vary the maximum number
3 of said sequence of changed versions of said bookmarked
4 document that are to be stored.

1 21. The method of claim 19 further including the step of
2 enabling said Internet Service Provider to vary the
3 charges to the user based upon the time intervals at
4 which said changed versions of said bookmarked document
5 are tracked for.

1 22. The method of claim 20 further including the step of
2 enabling said Internet Service Provider to vary the
3 charges to the user based upon the maximum number of said
4 sequence of changed versions of said bookmarked document
5 that are to be stored.

1   23. A computer program having code recorded on a
2   computer readable medium for selectively accessing any
3   one of a historical sequence of changed versions of a Web
4   hypertext document of at least one display page
5   containing text and images, received at a Web display
6   station, said program comprising:
7   means for bookmarking a received Web document;
8   means responsive to said bookmarking means for
9   tracking for changed versions of said bookmarked
10 document;
11   means for storing a historical sequence of versions
12 of said bookmarked document; and
13   means, responsive to a user request at a receiving
14 station for said bookmarked document, for enabling said
15 user to select any one of said versions of said
16 bookmarked document.

1   24. The computer program of claim 23 further including
2   means enabling a user to selectively activate said
3   tracking means.

1   25. The computer program of claim 23 wherein said means
2   enabling the user to select any one of said versions of
3   said bookmarked document comprise:
4   means for displaying the latest version of said
5   bookmarked document; and
6   means for displaying an index of the other stored
7   versions of said bookmarked document.

1   26. The computer program of claim 23 wherein said
2   changed versions of said bookmarked documents include
3   versions at changed URLs.

1   27.   The computer program of claim 23 wherein said Web
2   network includes a Web server; and
3   said Web server includes said program means for
4   tracking for said changed versions and means for storing
5   said sequence of changed versions.

1   28.   The computer program of claim 27 further comprising:
2   a Web browser program at said receiving display
3   station including:
4   said means for bookmarking a received Web document;
5   and
6   said means for enabling said user to select any one
7   of said versions of said bookmarked document.

1   29.   The computer program of claim 28 wherein said Web
2   server is maintained by an Internet Service Provider.

1   30.   The computer program of claim 29 further including
2   means enabling the user to selectively vary the time
3   intervals at which said changed versions of said
4   bookmarked document are tracked for.

1   31.   The computer program of claim 29 further including
2   means enabling the user to selectively vary the maximum
3   number of said sequence of changed versions of said
4   bookmarked document that are to be stored.

1   32.   The computer program of claim 30 further including
2   means enabling said Internet Service Provider to vary the
3   charges to the user based upon the time intervals at
4   which said changed versions of said bookmarked document
5   are tracked for.

1 33. The computer program of claim 31 further including
2 means enabling said Internet Service Provider to vary the
3 charges to the user based upon the maximum number of said
4 sequence of changed versions of said bookmarked document
5 that are to be stored.